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ATTY. DOCKET NO. 03063-0381	SERIAL NO. 09/491,146	FILING DATE concurrently herewith 01/25/2000
APPLICANT Yury E. Khudyakov and Howard A. Fields	GROUP 1643 1642	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
btr	AA	5,625,034	4/29/97	Liao et al.			
btr	AB	5,443,965	8/22/95	Reyes et al.			
btr	AC	5,538,865	7/23/96	Reyes et al.			
btr	AD	5,436,126	7/25/95	Wang			
btr	AE	5,563,032	10/8/96	Fields et al.			
btr	AF	5,574,132	11/12/96	Lacroix			
btr	AG	5,436,318	7/25/95	Reyes et al.			
btr	AH	5,302,507	4/12/94	Chiba et al.			
btr	AI	5,106,726	4/21/92	Wang			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES	NO.
btr	AJ	95/21858	17.08.95	International	USA		
btr	AK	97/05164	13.02.97	Australia	CSL Ltd.		
btr	AL	95/09239	06.04.95	International	President and Fellows of Harvard College		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

btr	AM	"Detection of Antibodies to Hepatitis C Virus (HCV) Structural Proteins in Anti-HCV-Positive Sera by an Enzyme-Linked Immunosorbent Assay Using Synthetic Peptides as Antigens"; Chuzo Ishida et al. <u>Journal of Clinical Microbiology</u> , Vol. 31, No. 4, Apr. 1993, pp. 936-940
btr	AN	"E2 and NS5: New Antigens for Detection of Hepatitis C Virus Antibodies"; H.L. Zaaijer et al., <u>Journal of Medical Virology</u> , 44:395-397, April 25, 1994,
btr	AO	"Improved Diagnosis of Chronic Hepatitis C Virus Infection by Detection of Antibody to Multiple Epitopes: Confirmation by Antibody to Synthetic Oligopeptides", D. Brown et al., <u>Journal of Medical Virology</u> , 38:167-171, April 3, 1992
btr	AP	"Preformed Antigen-Antibody Complex to Detect Antibodies to Hepatitis C Virus", Dinesh Shah, <u>Clinical Chemistry</u> , Vol 41, No. 9, 1357- 58, 1995
btr	AQ	"Study on Reliability of Commercially Available Hepatitis C Virus Antibody Tests", H.H. Feucht et al., <u>Journal of Clinical Microbiology</u> , Vol. 33, No. 3, Mar. 1995, pp. 620-624

EXAMINER Freida Brumberg DATE CONSIDERED 9-6-2001

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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b7c	BA	"Synthetic gene for the hepatitis C virus nucleocapsid protein", Y. E. Khudyakov et al., <u>Nucleic Acids Research</u> , Vol. 21, No. 11, pp. 2747-2754, April 30, 1993
b7c	BB	"IgM and IgG Antibodies to Hepatitis E Virus (HEV) Detected by an Enzyme Immunoassay Based on an HEV-Specific Artificial Recombinant Mosaic Protein", M.O. Favorov, <u>Journal of Medical Virology</u> , 50:50-58, May 9, 1996
b7c	BC	"Artificial Mosaic Protein Containing Antigenic Epitopes of Hepatitis E Virus"; Yury E. Khudyakov et al., <u>Journal of Virology</u> , Vol. 68, No. 11, Nov. 1994, pp. 7067-7074
b7c	BD	"Solid-phase enzyme-linked immunosorbent assay for hepatitis E virus IgG and IgM antibodies utilizing recombinant antigens and synthetic peptides", George J. Dawson et al., <u>Journal of Virological Methods</u> , 38 (1992) pp. 175-186
b7c	BE	"Influence of Viraemia and Genotype Upon Serological Reactivity in Screening Assays for Antibody to Hepatitis C Virus", S.K. Dhaliwal et al., <u>Journal of Medical Virology</u> , 48:184-190 (1996)
b7c	BF	"Improved serodiagnosis of hepatitis C virus infection with synthetic peptide antigen from capsid protein", Barbara Hosein et al., <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 88, May 1991, pp. 3647-3651
b7c	BG	"Hepatitis E. virus (HEV): The novel agent responsible for enterically transmitted non-A, non-B hepatitis", Gregory R. Reyes et al., <u>Gastroenterologia Japonica</u> , Vol. 26, Suppl. 3, July 1991, pp. 142-147
b7c	BH	"To C or Not to C: These are the Questions", Harvey J. Alter, <u>Blood</u> , Vol. 85, No. 7, April 1, 1995; pp. 1681-1695.
b7c	BI	"Genotype-Dependent Serologic Reactivities in Patients Infected with Hepatitis C Virus in the United States", Nizar N. Zein, M.D. et al., <u>Mayo Clin. Proc.</u> , 1995; 70:449-452
b7c	BJ	"Improved serologic detection of hepatitis C virus with a paramagnetic microparticle assay using multiple antigenic sequences", D. Leahy et al., <u>Transfusion</u> , Vol. 32, No. 6, 1992, pp. 548-553
b7c	BK	"Genetic organization and diversity of the hepatitis C virus", Q.L. Choo et al., <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 88 March 1991, pp. 2451-2455
b7c	BL	Zhang et al., <u>Journal of Medical Virology</u> , 45:50-55, 1995.
b7c	BM	Bukh et al., <u>Proc. Natl. Acad. Sci. USA</u> , 91:8239-8243, August 1994.
b7c	BN	Chien et al., <u>Proc. Natl. Acad. Sci. USA</u> , 89:10011-10015, November 1992.
b7c	BO	Fields et al., <u>Clinical and Diagnostic Virology</u> 5:167-179, 1996.
b7c	BP	Ruedinger et al., Abstracts of the 97 th General Meeting of the American Society for Microbiology, Abstracts in Clinical and Diagnostic Immunology, # V-54, p. 583
b7c	BQ	Khudyakov, Yury et al., "New Frontiers in Protein Engineering: Artificial Mosaic Antigens", 17 th International Congress of Biochemistry and Molecular Biology in Conjunction with the Annual Meeting of the American Society for Biochemistry and Molecular Biology, San Francisco, California, USA, August 24-29, 1997, FASEB Journal 11 (9), 1997, abstract no. 1574.
b7c	BR	Chokri, Bahoul et al, "DNA-Based Immunization for Exploring the Enlargement of Immunological Cross-Reactivity Against the Lyssaviruses", <u>Vaccine</u> , Volume 16, No. 4, February 1998, pps. 417-425.

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